

Attorney Docket No. 4L05.1-020

Serial No. 10/649,283

CLAIMS LISTING

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1-49 (canceled)

50. (new) A removable memory storage device for use in connection with a secure medical records maintenance system that includes a first remote server operable for storing patient identification information associated with multiple patents and a second remote server operable for storing patient medical data associated with the multiple patents, wherein the medical data maintained on the second remote server cannot be correlated to the associated patient identification information maintained on the first remote server based on the information contained on the first and second remote servers, the removable memory storage device comprising:

a computer readable memory storing correlation information sufficient to uniquely associate a patient's patient identification information stored on the first remote computer server with that patient's medical data stored on the second remote server.

51. (new) The removable memory storage device of claim 50, wherein the correlation information stored on the removable memory storage device comprises:

a patient identification number stored on the first remote server in association with the patient's patient identification information; and

a medical records identification number stored on the second remote server in association with the patient's medical data.

52. (new) The removable memory storage device of claim 50, wherein the correlation information stored on the removable memory storage device is encrypted to inhibit unauthorized access to the correlation information.

53. (new) The removable memory storage device of claim 50, wherein the correlation information stored on the removable memory storage device is secured by a personal identification number under the control of the patient.

CHM

Attorney Docket No. 4L05.1-020

Serial No. 10/649,283

~~54.~~ 54. (new) The removable memory storage device of claim 50, wherein:
the computer readable memory stores correlation information for multiple patients sufficient to uniquely associate each patients' patient identification information stored on the first remote computer server with those patients' medical data stored on the second remote server; and
the correlation information stored on the removable memory storage device for each patient is secured by separate personal identification number under the control of an associated patient.

55. (new) The removable memory storage device of claim 50 configured as a wallet-sized smartcard.

56. (new) The removable memory storage device of claim 50, further configured to receive and store medical readings from a health monitoring and diagnostic device, and transmit the medical readings to the secured medical data storage system.

57. (new) The removable memory storage device of claim 50, further comprising stored computer readable information sufficient to engage in monetary transactions using the removable memory storage device as a payment instrument.

58. (new) A secure medical records maintenance system comprising:
a first remote server operable for storing patient identification information associated with multiple patents;

a second remote server operable for storing patient medical data associated with the multiple patents;

wherein the medical data maintained on the second remote server cannot be correlated to the associated patient identification information maintained on the first remote server based on the information contained on the first and second remote servers;

a plurality of removable memory storage devices issued to patients who have patient identification information stored on the first remote server and patient medical data stored on the second remote server; and

Attorney Docket No. 4L05.1-020

Serial No. 10/649,283

wherein each removable memory storage device comprises a computer readable memory storing correlation information sufficient to uniquely associate a patient's patient identification information stored on the first remote computer server with that patient's medical data stored on the second remote server.

59. (new) The secure medical records maintenance system of claim 58, wherein the correlation information stored on the removable memory storage device comprises:
a patient identification number stored on the first remote server in association with the patient's patient identification information; and
a medical records identification number stored on the second remote server in association with the patient's medical data.

60. (new) The secure medical records maintenance system of claim 58, wherein the correlation information stored on the removable memory storage device is encrypted to inhibit unauthorized access to the correlation information.

61. (new) The secure medical records maintenance system of claim 58, wherein the correlation information stored on the removable memory storage device is secured by a personal identification number under the control of the patient.

62. (new) The secure medical records maintenance system of claim 58, wherein:
the computer readable memory stores correlation information for multiple patients sufficient to uniquely associate each patients' patient identification information stored on the first remote computer server with those patients' medical data stored on the second remote server; and
the correlation information stored on the removable memory storage device for each patient is secured by separate personal identification number under the control of an associated patient.

63. (new) The secure medical records maintenance system of claim 58, wherein each removable memory storage device is configured as a wallet-sized smartcard.

2006.9

Attorney Docket No. 4L05.1-020

Serial No. 10/649,283

~~64.~~ 64. (new) The secure medical records maintenance system of claim 58, wherein each removable memory storage device is further configured to receive and store medical readings from a health monitoring and diagnostic device, and transmit the medical readings from the removable memory storage device to the secured medical data storage system.

65. (new) The secure medical records maintenance system of claim 58, further comprising stored computer readable information sufficient to engage in monetary transactions using the removable memory storage device as a payment instrument.

66. (new) A method for providing a secure medical records maintenance system, comprising:

storing patient identification information associated with multiple patents on a first remote server;

storing patient medical data associated with the multiple patents on a second remote server;

configuring the first and second remote servers in a manner that prevents the medical data maintained on the second remote server from being correlated to the associated patient identification information maintained on the first remote server based on the information contained on the first and second remote servers;

storing on each of a plurality of removable memory storage devices correlation information sufficient to uniquely associate a particular patient's patient identification information stored on the first remote computer server with that patient's medical data stored on the second remote server; and

issuing each removable memory storage devices to an associated patient.

67. (new) The method of claim 66, wherein the step of configuring the first and second remote servers further comprises the steps of :

storing a patient identification number on the first remote server in association with the patient's patient identification information, wherein the patient identification number is not stored on the second remote server; and

2006.9

Attorney Docket No. 4L05.1-020

Serial No. 10/649,283

~~storing~~ a medical records identification number on the second remote server in association with the patient's medical data, wherein the medical records identification number is not stored on the first remote server.

68. (new) The method of claim 66, further comprising the step of encrypting the correlation information stored on each removable memory storage device to inhibit unauthorized access to the correlation information.

69. (new) The method of claim 66, further comprising the step of securing the correlation information stored on each removable memory storage device by a personal identification number under the control of the associated patient.

70. (new) The method of claim 66, further comprising the step of storing computer readable information on each removable memory storage device sufficient to engage in monetary transactions using the removable memory storage device as a payment instrument.

71. (new) The method of claim 66, further comprising the steps of receiving and storing medical readings from a health monitoring and diagnostic device on the removable memory storage devices, and transmitting the medical readings from the removable memory storage devices to the secured medical data storage system.